

In the Claims

Please amend claims as indicated in the following claim listing without prejudice and with a full reservation of rights to pursue such cancelled claims in this application, a continuation application, and/or another application.

1. (CURRENTLY AMENDED) A method comprising:

transmitting at least a part of one or more mote-addressed content indexes, the one or more mote-addressed content indexes including at least one of a mote-addressed sensing index or a mote-addressed control index.

2. (CURRENTLY AMENDED) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index, the at least one of the mote-addressed sensing index or the mote-addressed control index including at least one of a sensing information or a control information other than data collected by a mote.

3. (ORIGINAL) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

transmitting at least a part of a mote-addressed routing/spatial index.

4. (CURRENTLY AMENDED) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index, the at least one of the mote-addressed sensing index or the mote-addressed control index including at least one of a sensing information or a control information other than data collected by a mote and including at least one of a format used to query one or more devices contained within a mote, a control function associated with one or more devices contained within a mote, or a feedback format associated with a feedback provided by one or more devices contained within a mote.

5. (ORIGINAL) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

effecting the transmitting in response to a schedule.

6. (ORIGINAL) The method of claim 5, wherein said effecting the transmitting in response to a schedule further comprises:

receiving the schedule.

7. (ORIGINAL) The method of claim 5, wherein the effecting the transmitting in response to a schedule further comprises:

deriving the schedule.

8. (ORIGINAL) The method of claim 5, wherein the effecting the transmitting in response to a schedule further comprises:

deriving the schedule at least in part from at least one of an optimized query or a stored query.

9. (ORIGINAL) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

effecting the transmitting in response to a query.

10. (ORIGINAL) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

encrypting utilizing at least one of a private or a public key.

11. (ORIGINAL) The method of claim 1, wherein said transmitting at least a part of one or more mote-addressed content indexes further comprises:

decoding at least a part of one or more mote-addressed content indexes utilizing at least one of a public key or a private key.

12. (CURRENTLY AMENDED) A system comprising:

means for transmitting at least a part of one or more mote-addressed content indexes, the one or more mote-addressed content indexes including at least one of a mote-addressed sensing index or a mote-addressed control index.

13. (CURRENTLY AMENDED) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index, the at least one of the mote-addressed sensing index or the mote-addressed control index including at least one of a sensing information or a control information other than data collected by a mote.

14. (CURRENTLY AMENDED) The system of claim 12, wherein said means for ~~means~~ ~~for~~ transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for transmitting at least a part of a mote-addressed routing/spatial index.

15. (CURRENTLY AMENDED) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for transmitting at least a part of at least one of a mote-addressed sensing index or a mote-addressed control index, the at least one of the mote-addressed sensing index or the mote-addressed control index including at least one of a sensing information or a control information other than data collected by a mote and including at least one of a format used to query one or more devices contained within a mote, a control function associated with one or more devices contained within a mote, or a feedback format associated with a feedback provided by one or more devices contained within a mote effecting the transmitting with a reporting entity at a mote.

16. (ORIGINAL) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for effecting the transmitting in response to a schedule.

17. (ORIGINAL) The system of claim 16, wherein the means for effecting the transmitting in response to a schedule further comprises:

means for receiving the schedule.

18. (ORIGINAL) The system of claim 16, wherein the means for effecting the transmitting in response to a schedule further comprises:

means for deriving the schedule.

19. (ORIGINAL) The system of claim 16, wherein the means for effecting the transmitting in response to a schedule further comprises:

means for deriving the schedule at least in part from at least one of an optimized query or a stored query.

20. (ORIGINAL) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for effecting the transmitting in response to a query.

21. (ORIGINAL) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for encrypting utilizing at least one of a private or a public key.

22. (ORIGINAL) The system of claim 12, wherein said means for transmitting at least a part of one or more mote-addressed content indexes further comprises:

means for decoding at least a part of one or more mote-addressed content indexes utilizing at least one of a public key or a private key.

23. (CURRENTLY AMENDED) A system comprising:

a mote; and

means for transmitting at least a part of one or more mote-addressed content indexes, said means for transmitting proximate to a portion of said mote, said one or more mote-addressed content indexes including at least one of a mote-addressed sensing index or a mote-addressed control index.

24. (CURRENTLY AMENDED) A system comprising:

at least one mote-addressed content index having at least one of a sensing index, a control index, or a routing/spatial index of a mote-appropriate device of a mote, the at least one of the sensing index, the control index, or the routing/spatial index including at least one of a sensing information or a control information other than data collected by a mote;

and

at least one reporting entity resident on the mote, said at least one reporting entity configured to report at least a part of said at least one mote-addressed content index.

25. (ORIGINAL) The system of claim 24, wherein said at least one reporting entity resident on the mote further comprises:

a processor configured to transmit at least a part of said at least one mote-addressed content index.

26. (ORIGINAL) The system of claim 24, wherein the mote comprises:

at least one of a processor, a memory, or a communications device formed from a substrate.